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FIG. 1A PRIOR ART

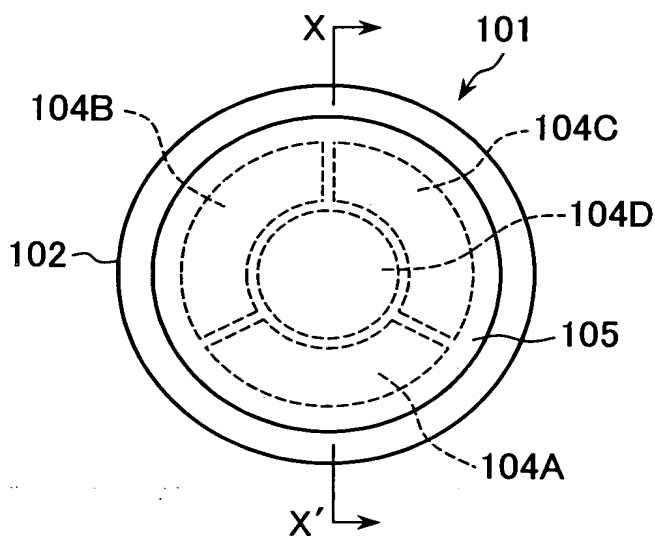


FIG. 1B PRIOR ART

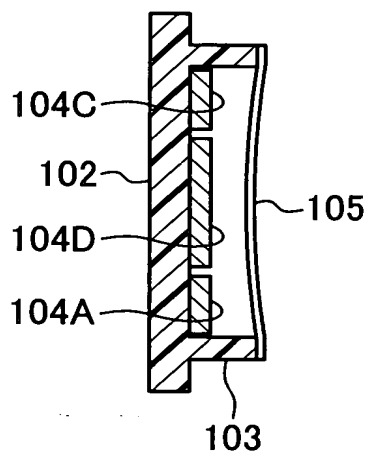


FIG. 2A PRIOR ART

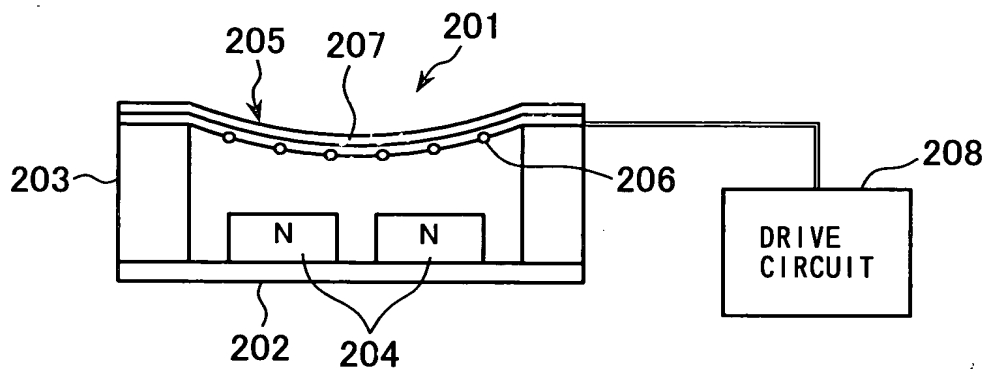


FIG. 2B PRIOR ART

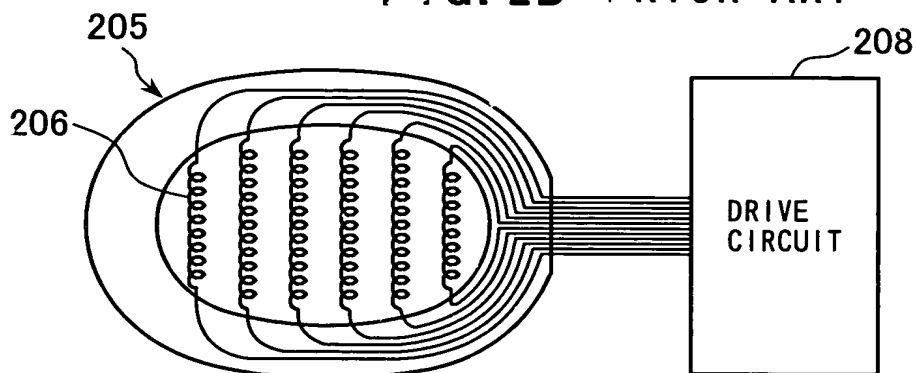
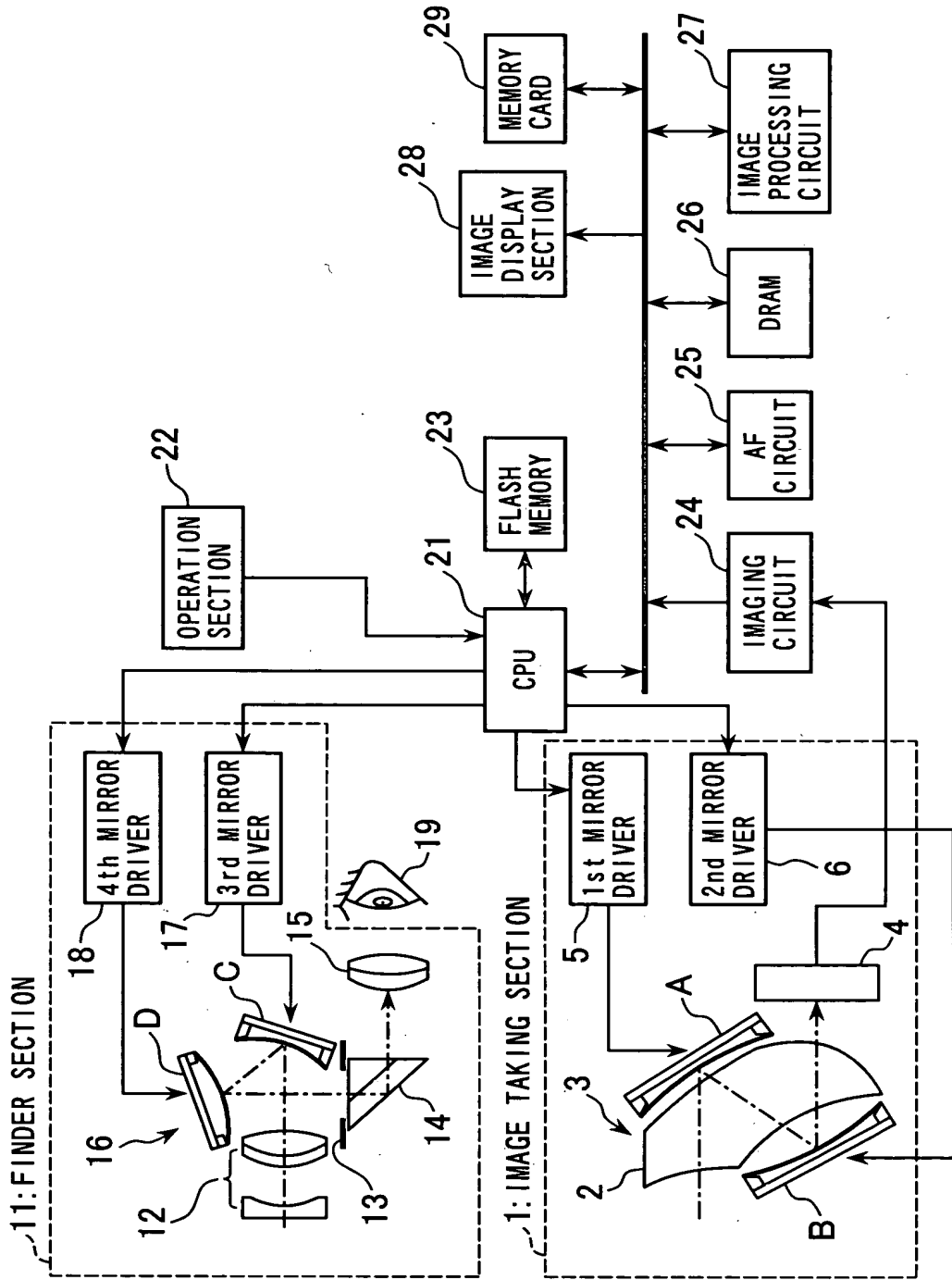
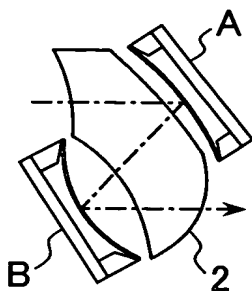


FIG. 3



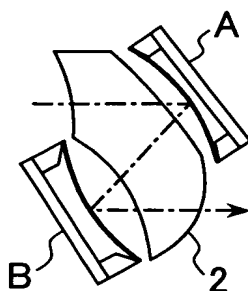
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FIG. 4A



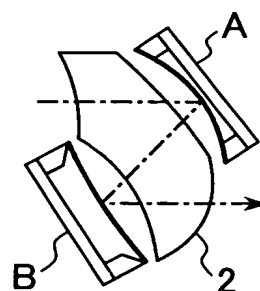
WIDE ANGLE  
 (VOLTAGE:  $A_w$ ,  $B_w$ )

FIG. 4B



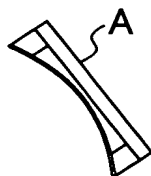
INTERMEDIATE  
 (VOLTAGE:  $A_m$ ,  $B_m$ )

FIG. 4C



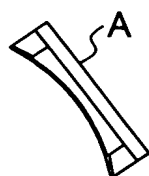
TELEPHOTO  
 (VOLTAGE:  $A_t$ ,  $B_t$ )

FIG. 5A



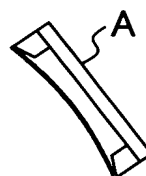
NEAR POINT  
 (VOLTAGE:  $A_{m2}$ )

FIG. 5B



MIDDLE  
 (VOLTAGE:  $A_{m1}$ )

FIG. 5C



FAR POINT (INFINITY)  
 (VOLTAGE:  $A_{m3}$ )

FIG. 6

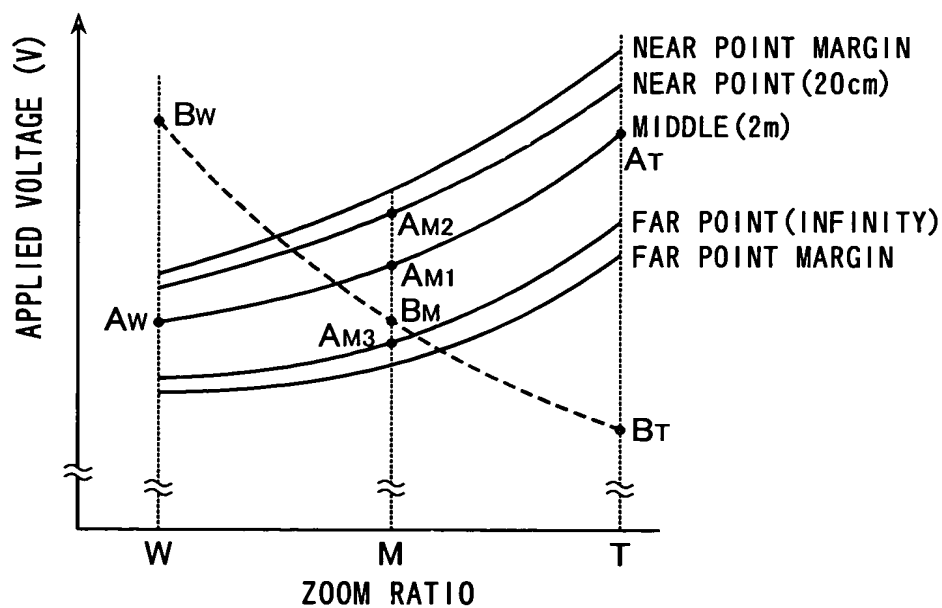
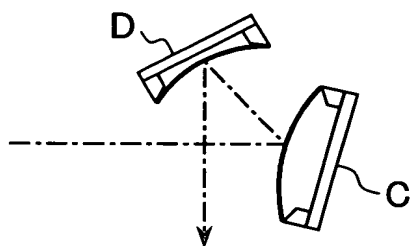
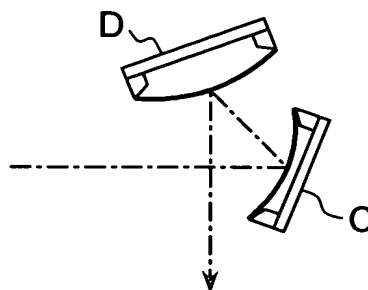


FIG. 7A



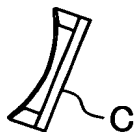
WIDE ANGLE  
 (CURRENT :  $C_{W1}$  ,  $D_{W1}$  )

FIG. 7B



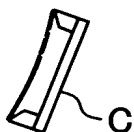
TELEPHOTO  
 (CURRENT :  $C_{T1}$  ,  $D_{T1}$  )

FIG. 8A



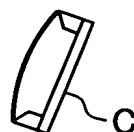
NEAR POINT (20cm)  
 (CURRENT :  $C_{M12}$  )

FIG. 8B



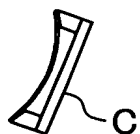
MIDDLE (2m)  
 (CURRENT :  $C_{M11}$  )

FIG. 8C



FAR POINT (INFINITY)  
 (CURRENT :  $C_{M13}$  )

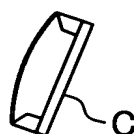
FIG. 9A



+ 1 diop

(CURRENT :  $C_{D11}$ )

FIG. 9B



- 6 diop

(CURRENT :  $C_{D12}$ )

FIG. 10

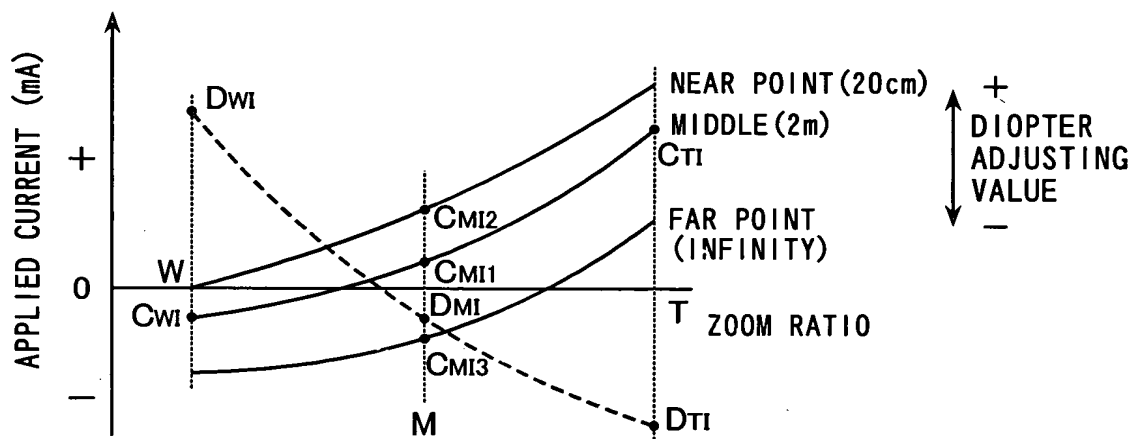
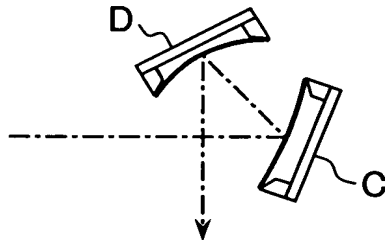
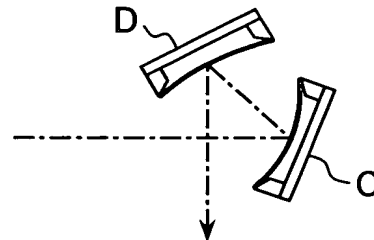


FIG. 11A



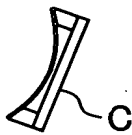
WIDE ANGLE  
(VOLTAGE:  $C_{WV}$ ,  $D_{WV}$ )

FIG. 11B



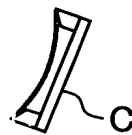
TELEPHOTO  
(VOLTAGE:  $C_{TV}$ ,  $D_{TV}$ )

FIG. 12A



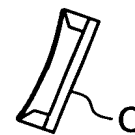
NEAR POINT  
(VOLTAGE:  $C_{MV2}$ )

FIG. 12B



MIDDLE  
(VOLTAGE:  $C_{MV1}$ )

FIG. 12C



FAR POINT  
(VOLTAGE:  $C_{MV3}$ )

FIG. 13A

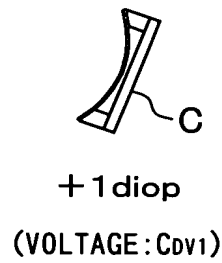


FIG. 13B

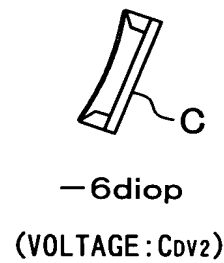
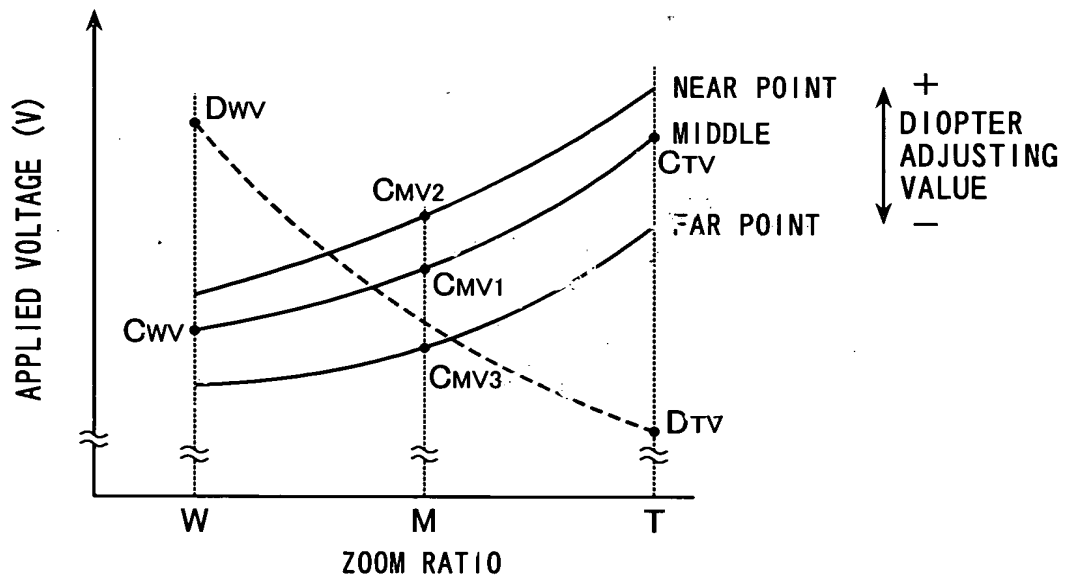
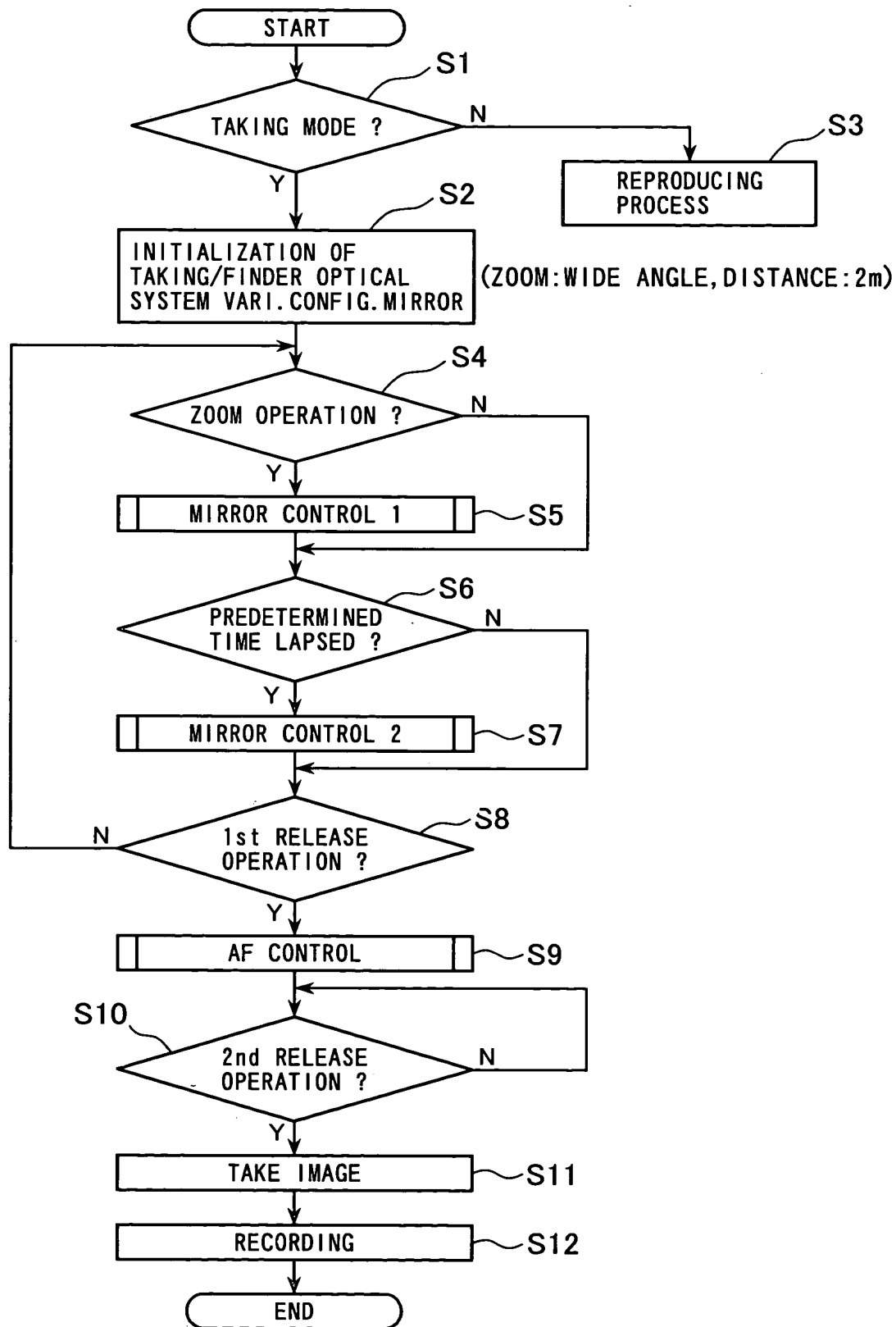


FIG. 14



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FIG. 15





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FIG. 16

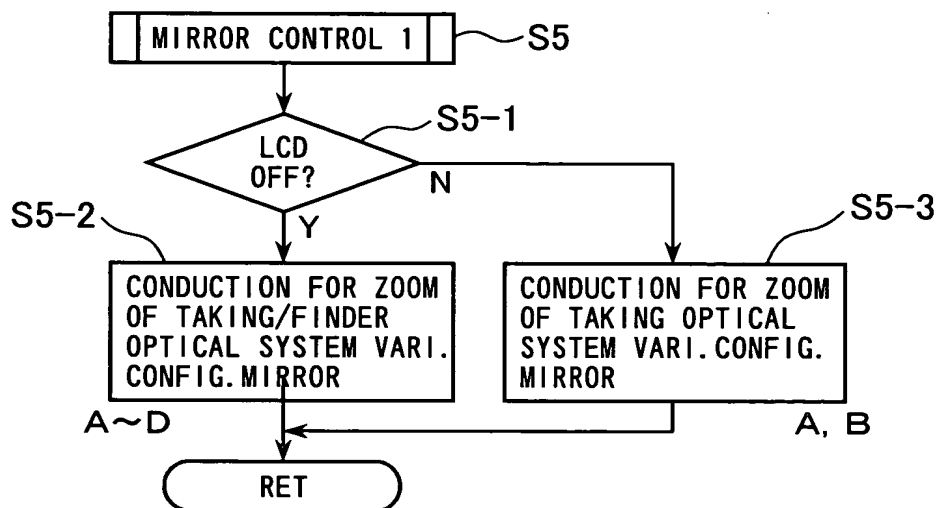
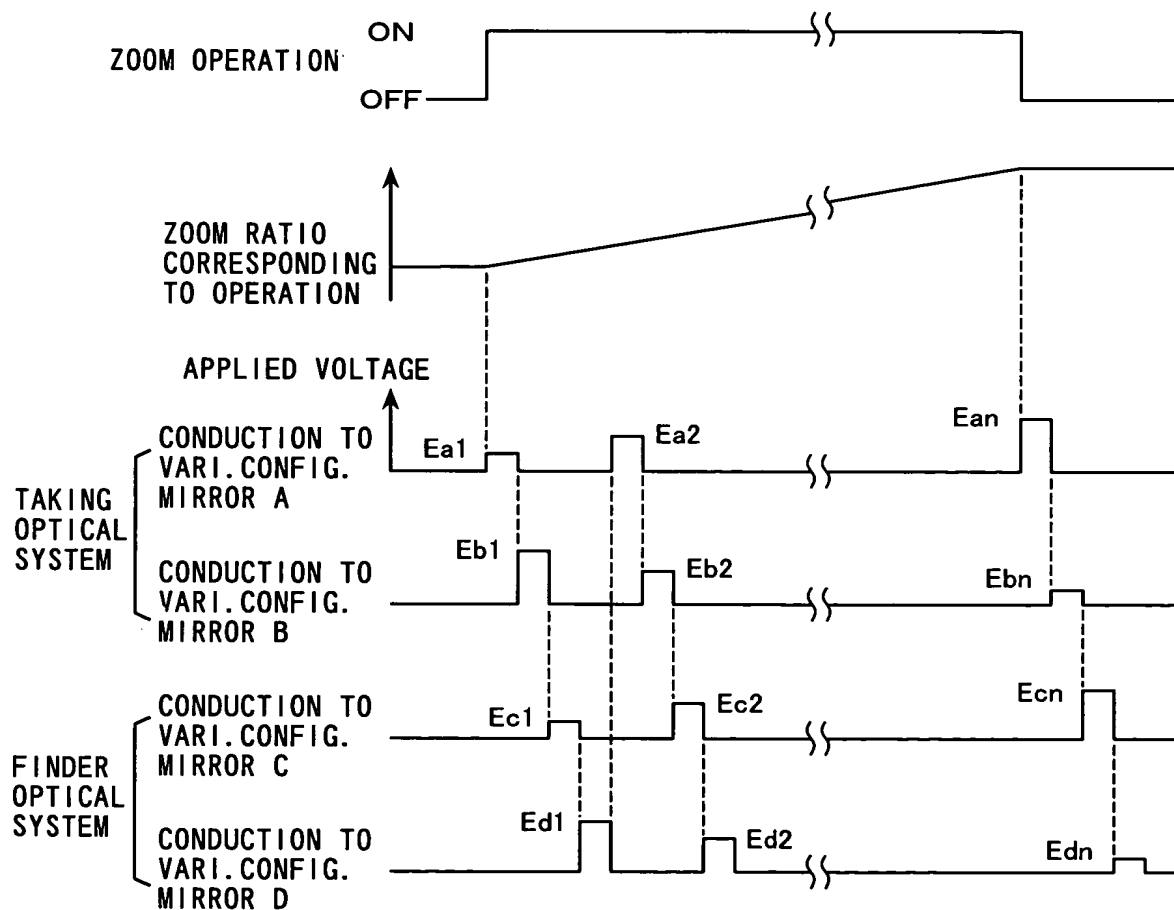


FIG. 17



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FIG. 18

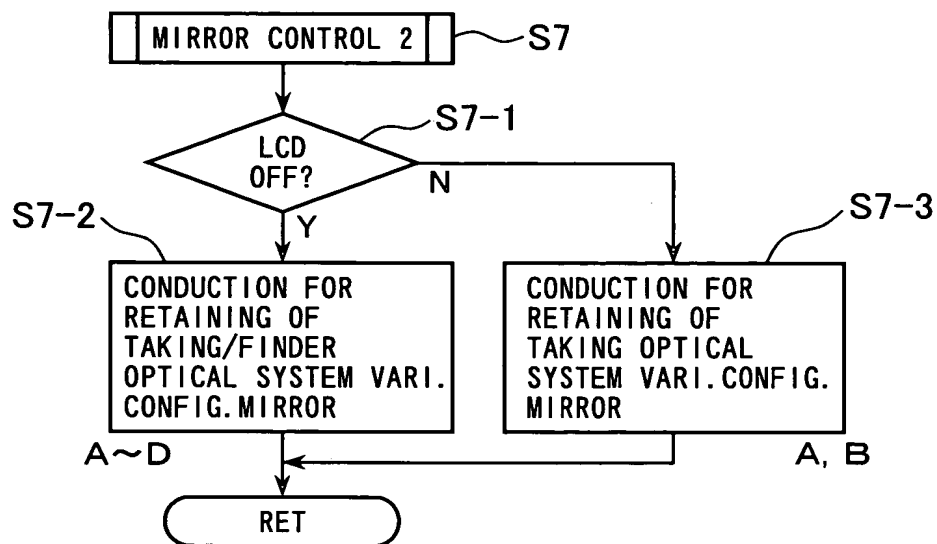


FIG. 19

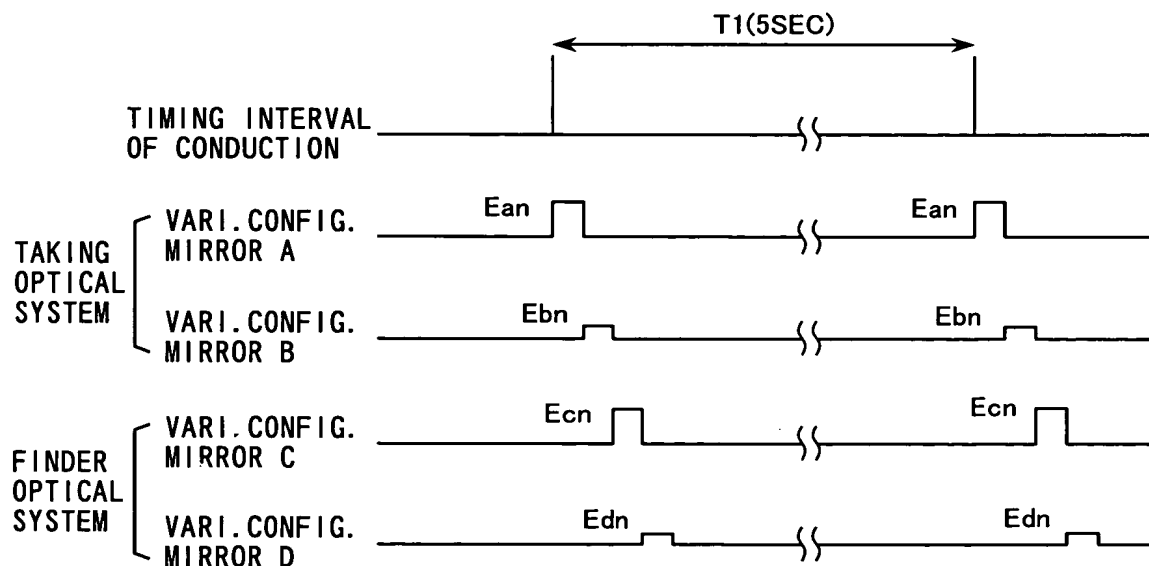


FIG. 20

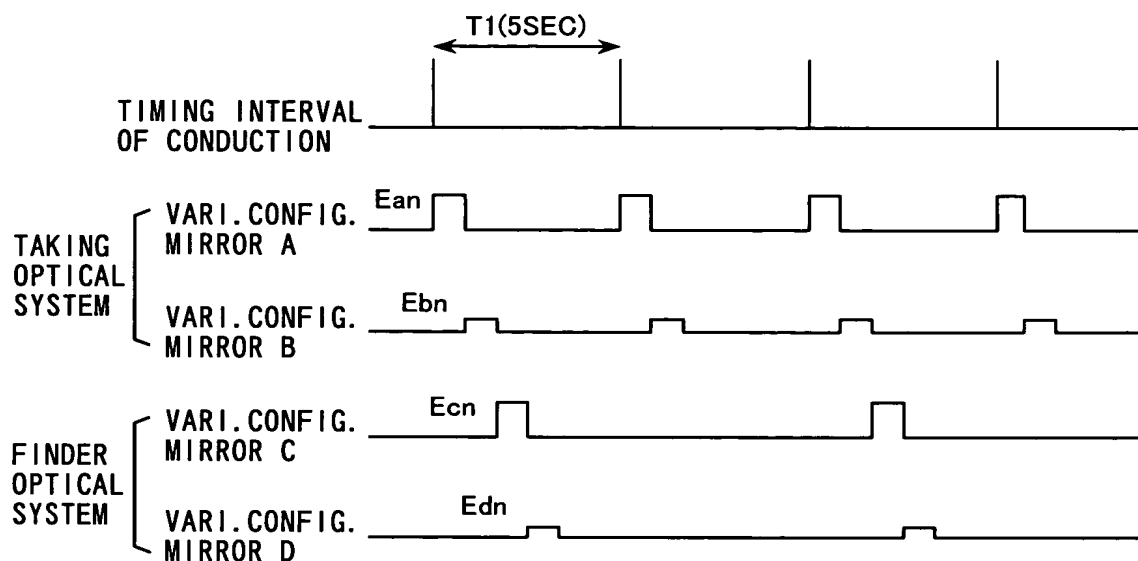


FIG. 21A

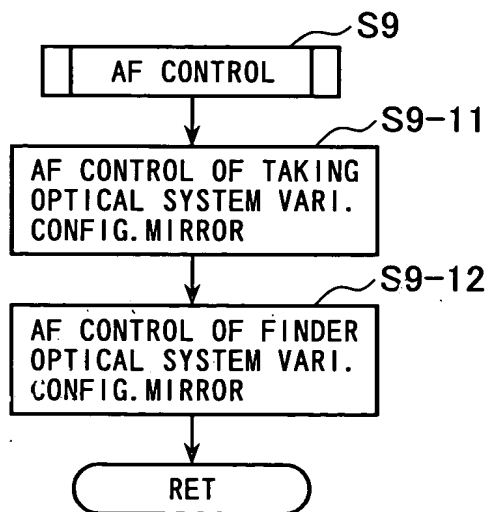
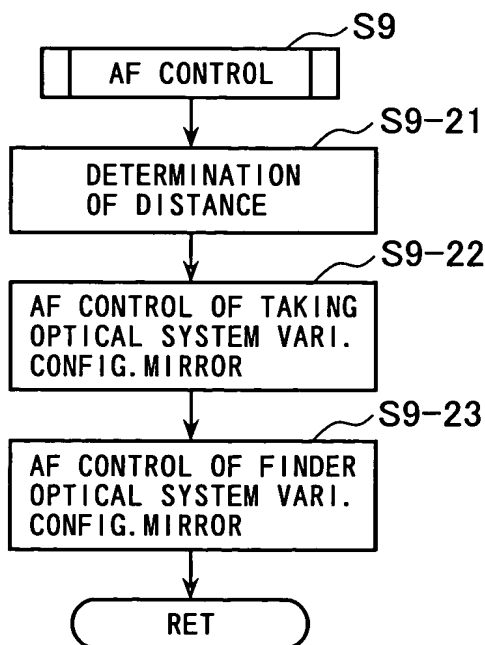


FIG. 21B



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FIG. 22

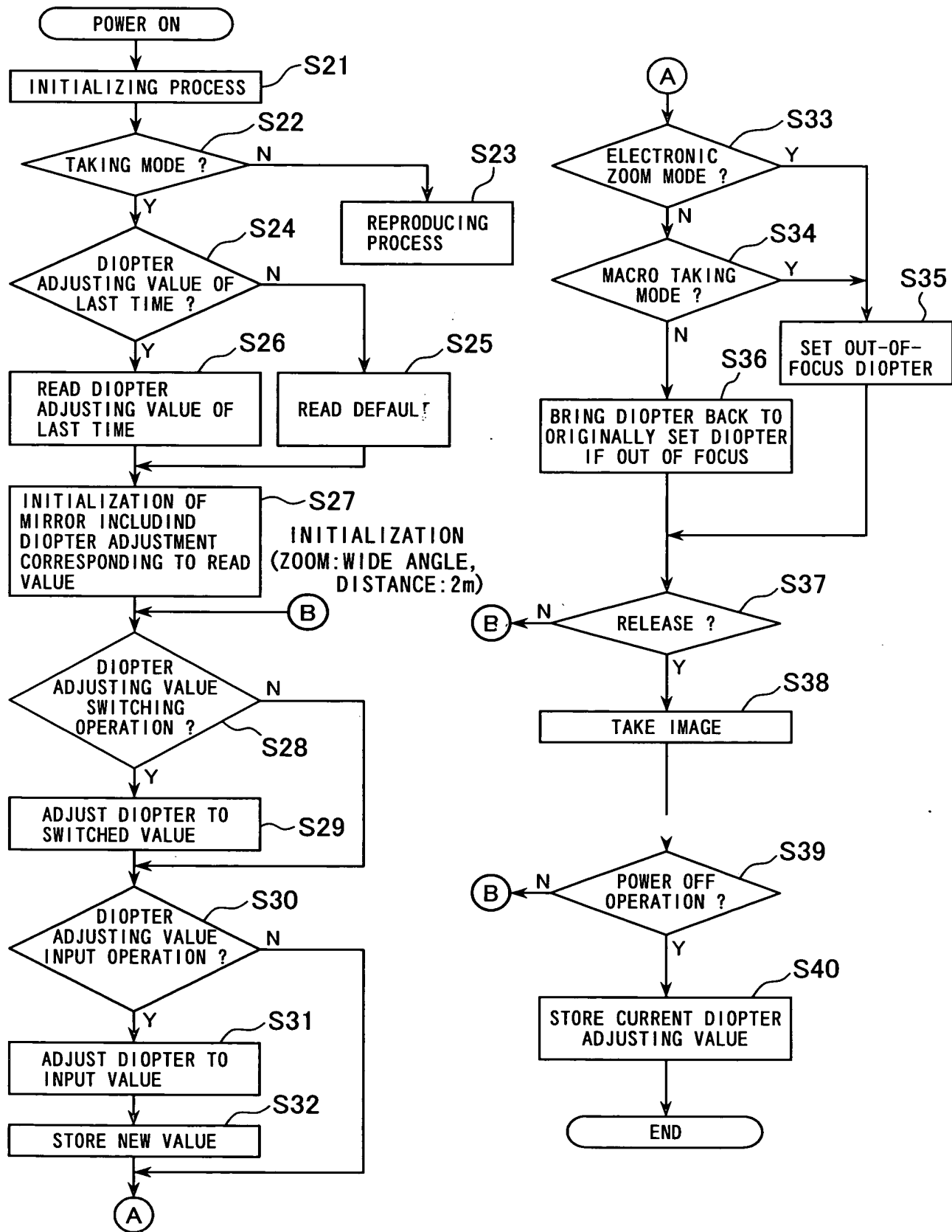


FIG. 23A

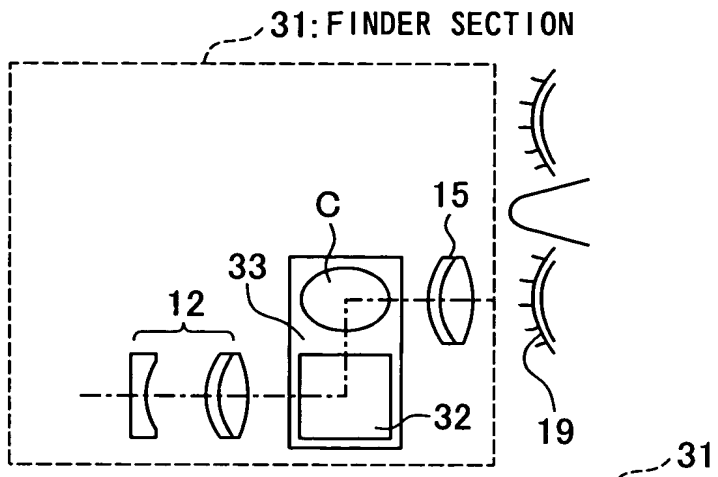


FIG. 23B

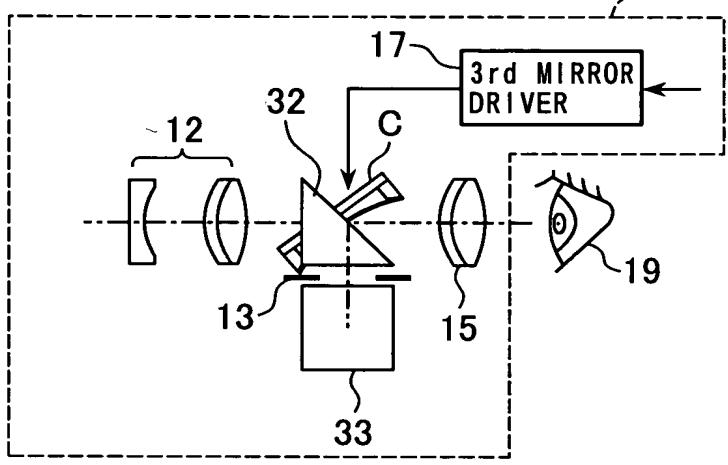
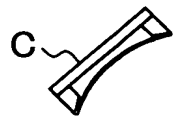


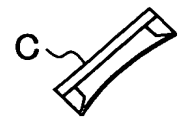
FIG. 24A



NEAR POINT (20cm)

+1 diop

FIG. 24B



FAR POINT (INFINITY)

-6 diop

FIG. 25

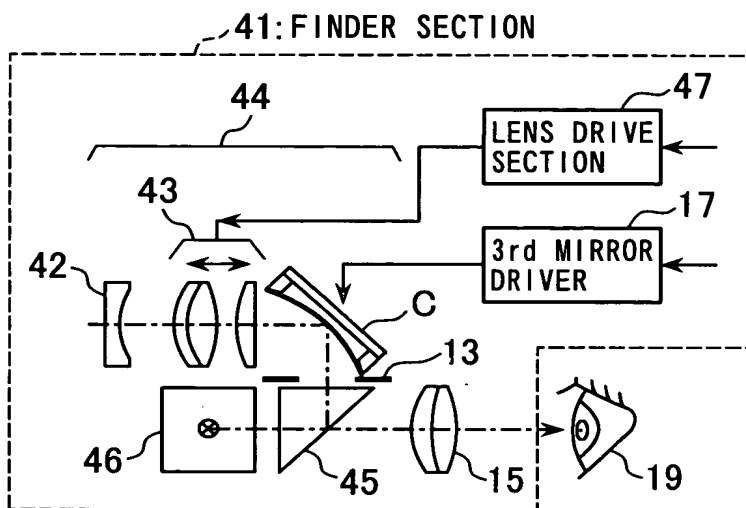


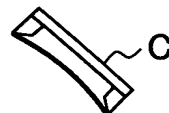
FIG. 26A



NEAR POINT (20cm)

+1diop

FIG. 26B



FAR POINT (INFINITY)

-6diop

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FIG. 27

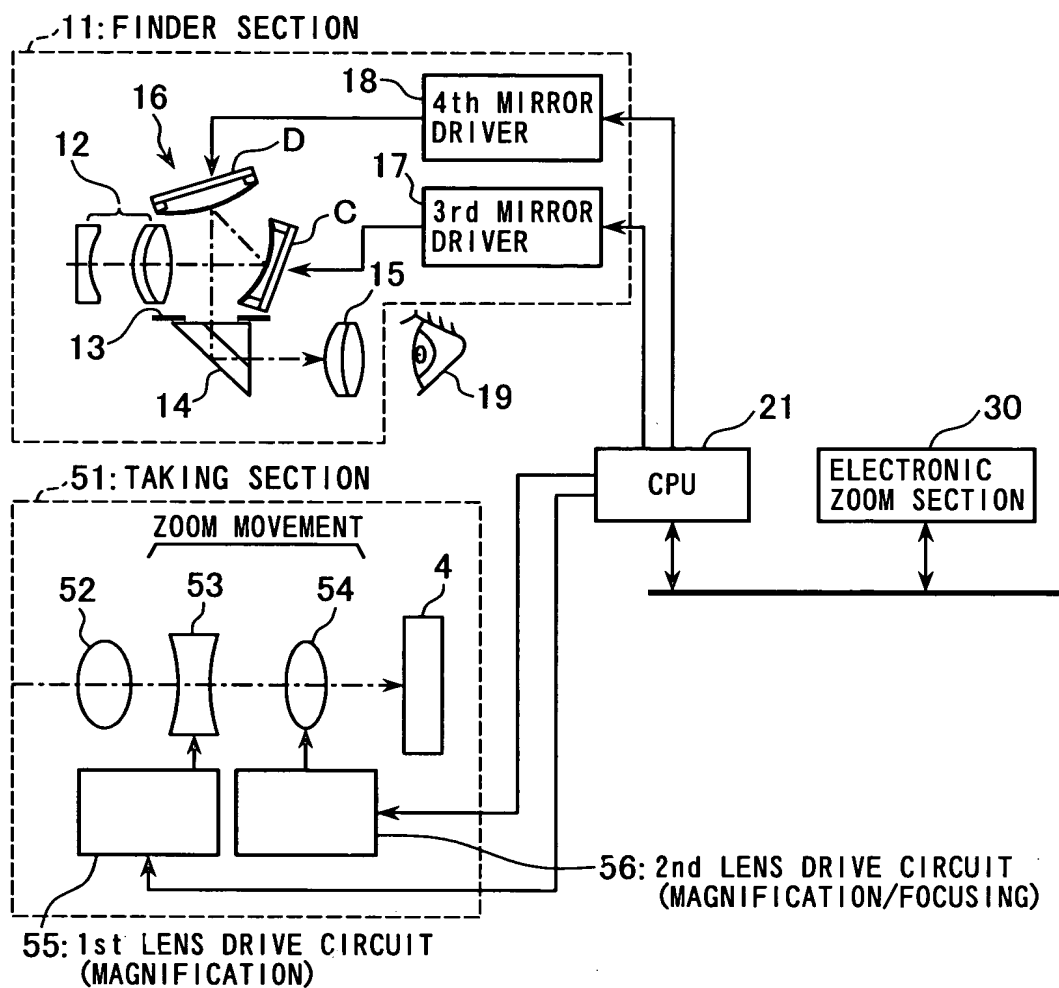
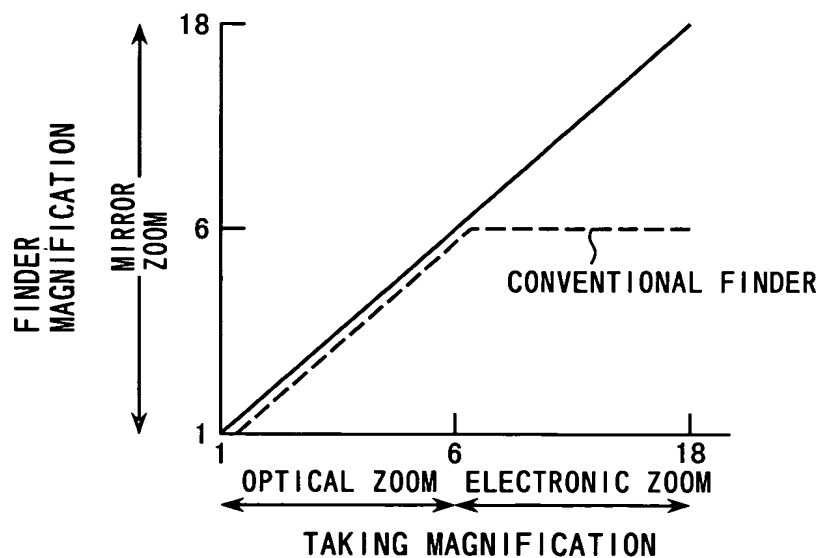


FIG. 28



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FIG. 29

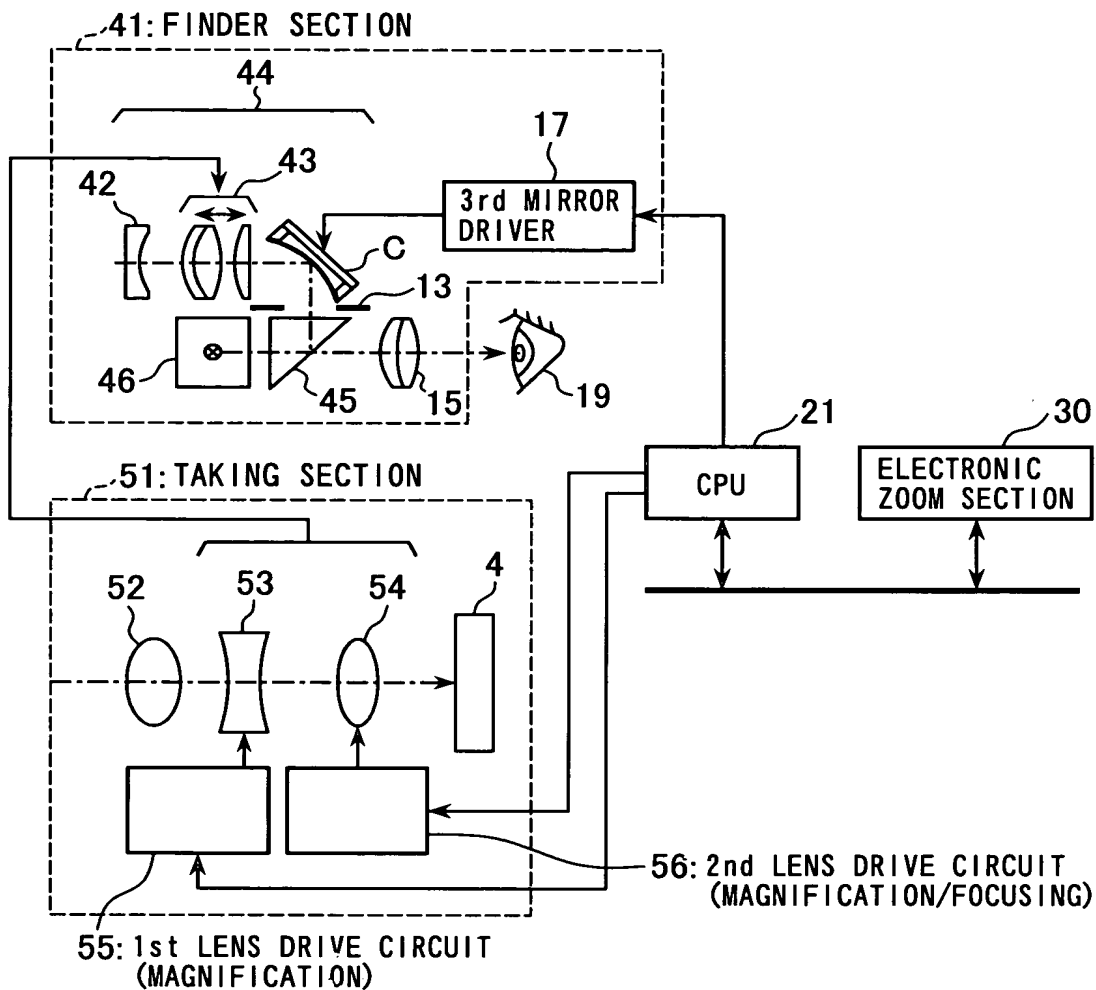
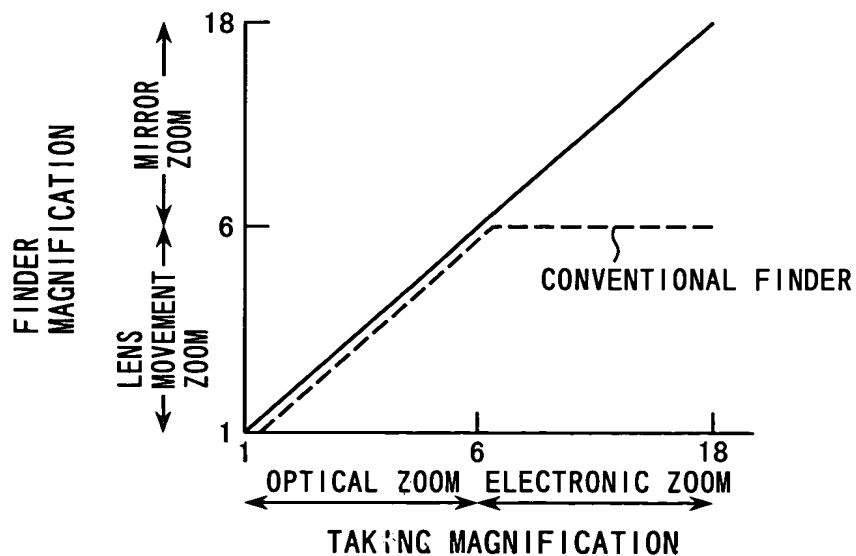


FIG. 30





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FIG. 31

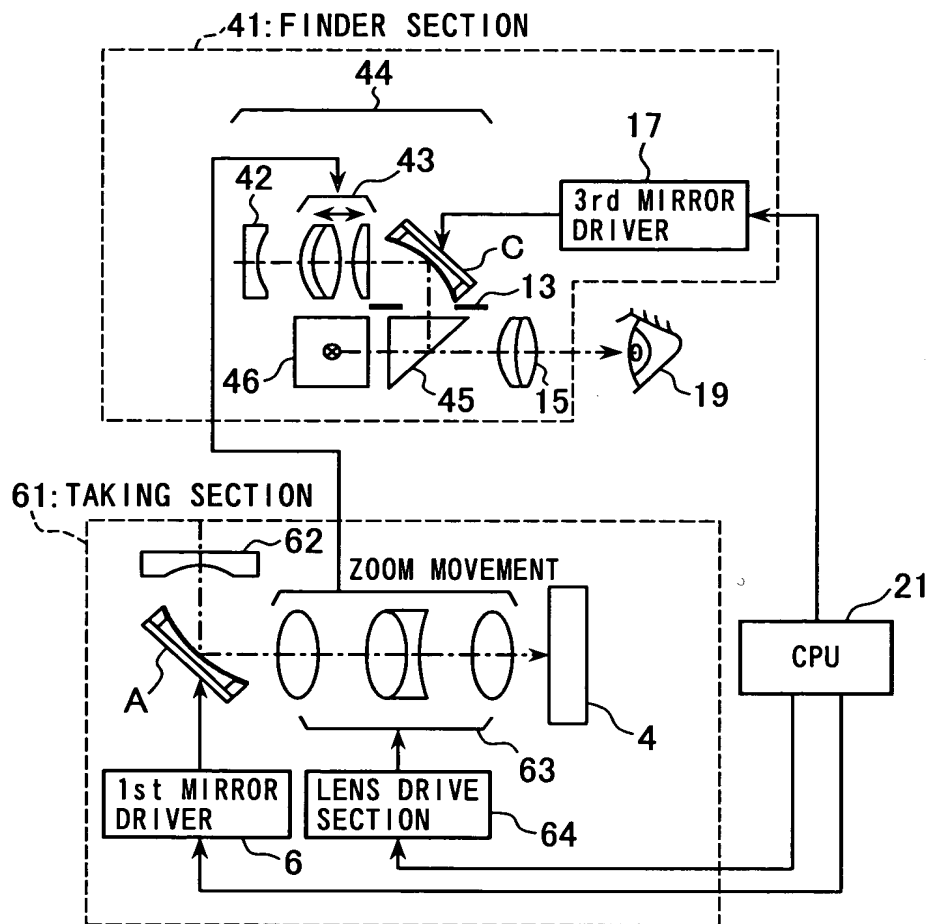
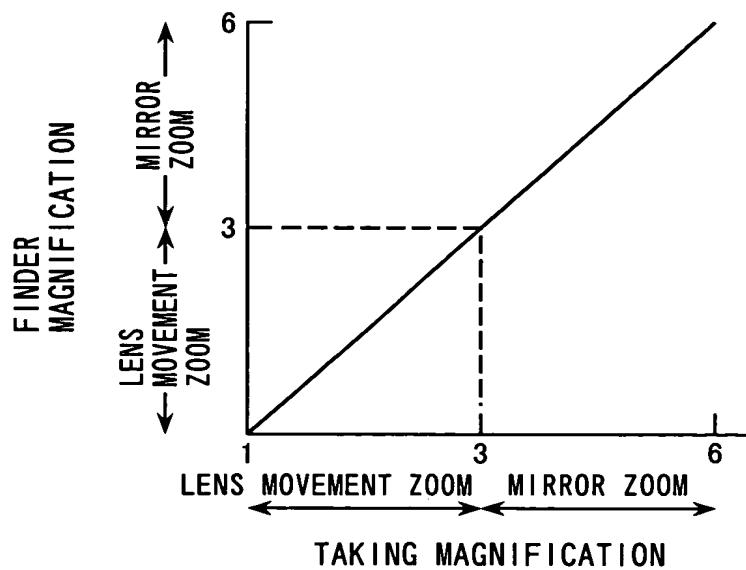


FIG. 32



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FIG. 33

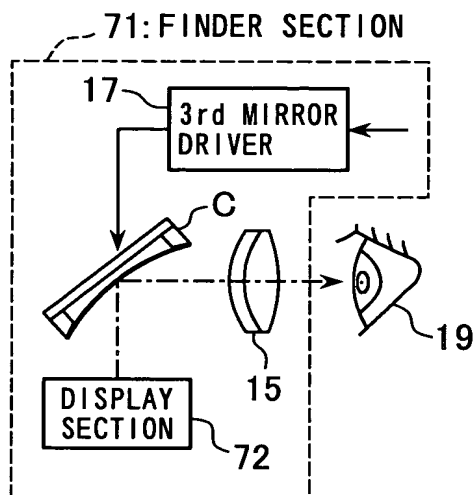
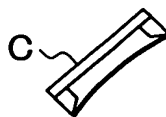


FIG. 34A



+1 diop

FIG. 34B



-6 diop